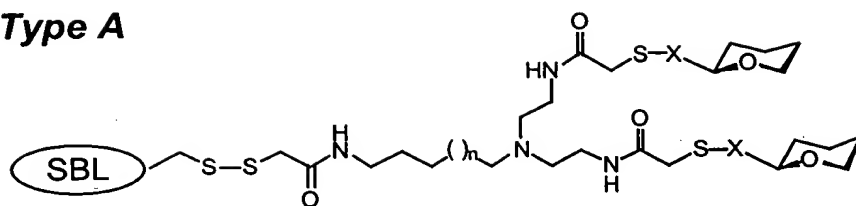
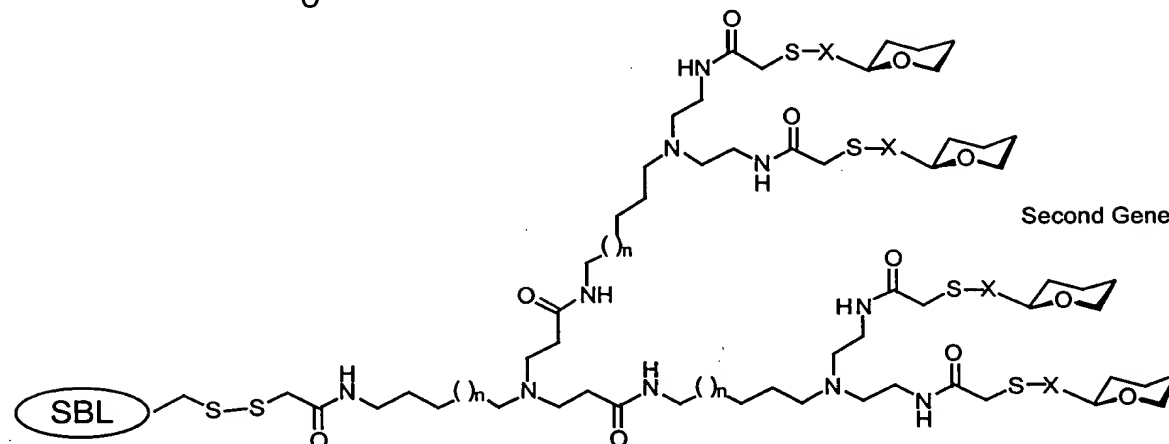


Type A

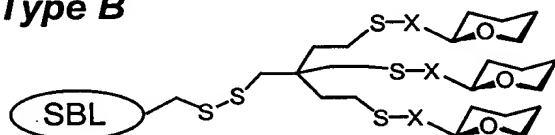


First Generation

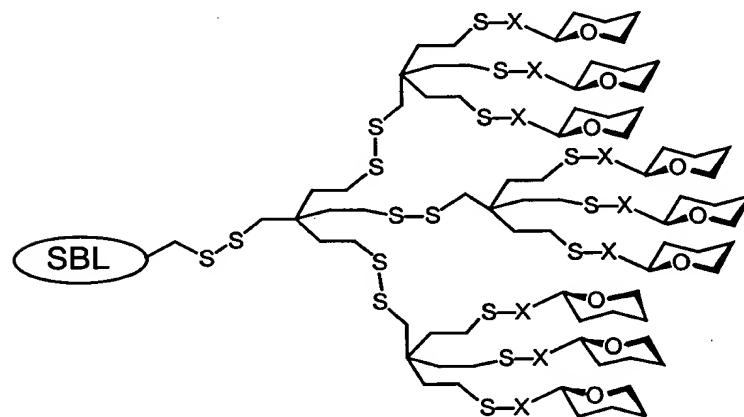


Second Generation

Type B

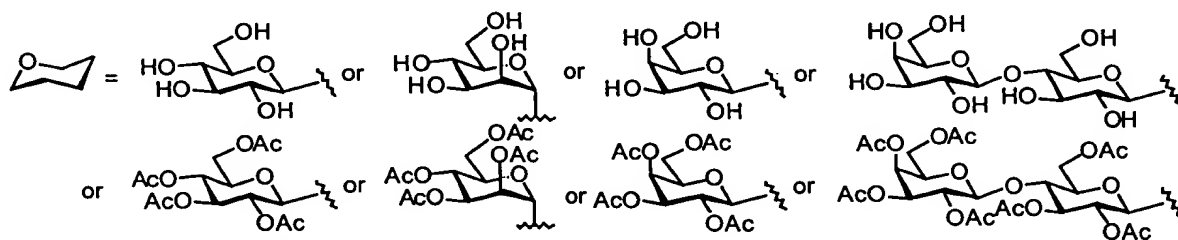


First Generation



Second Generation

where X = S or S(CH₂)_mO



or other carbohydrates

Fig. 1

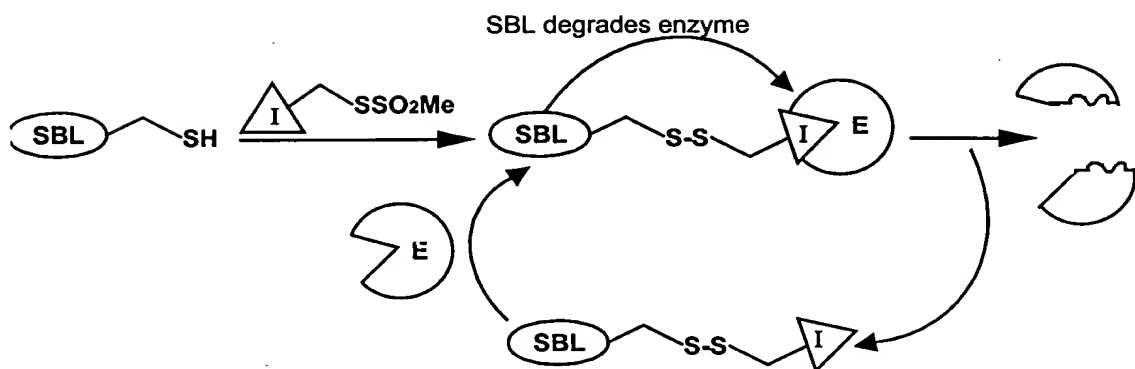


Fig. 2

Scheme 11

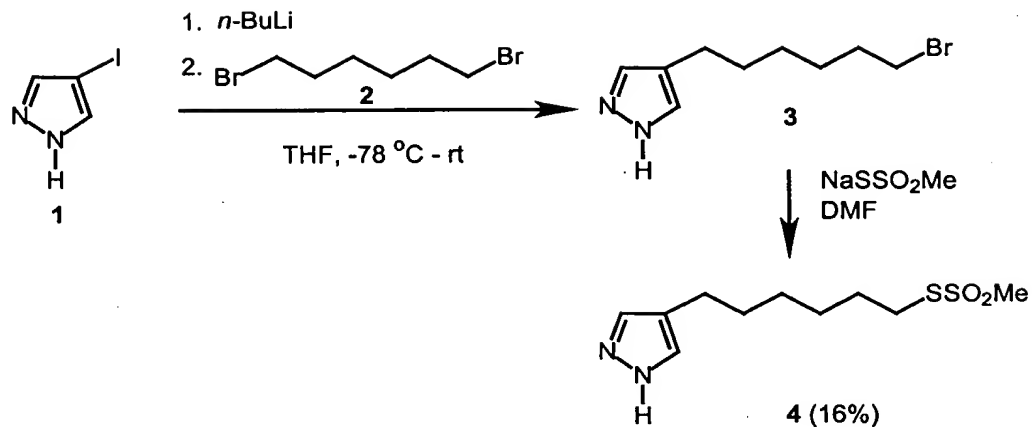


Fig. 3

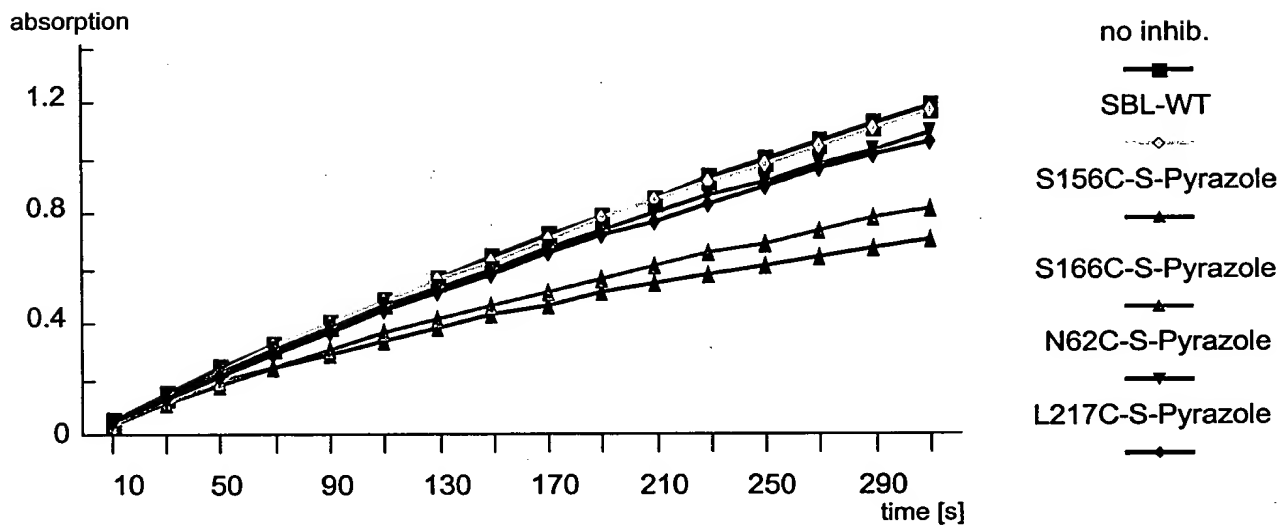


Fig. 4

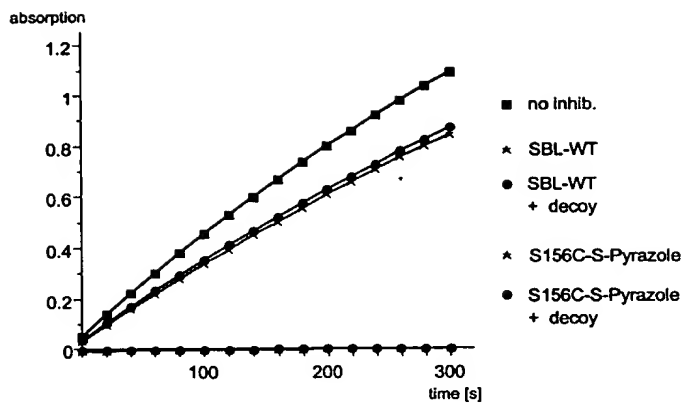


Fig. 5A

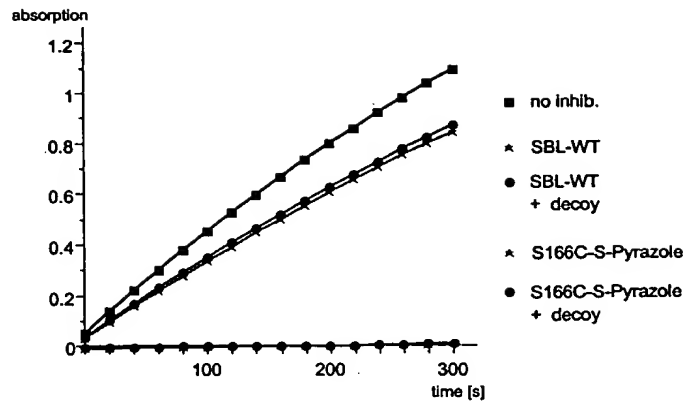


Fig. 5B

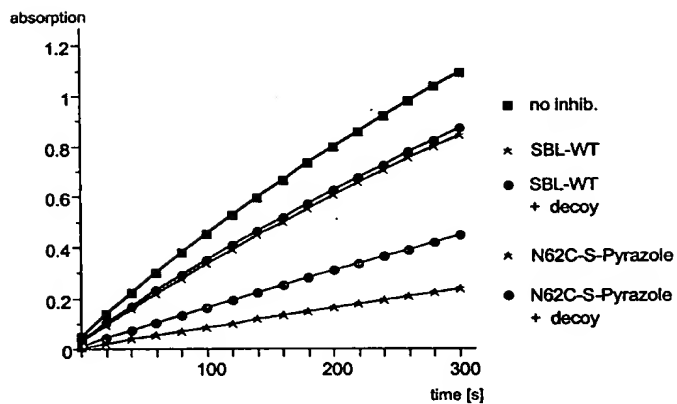


Fig. 5C

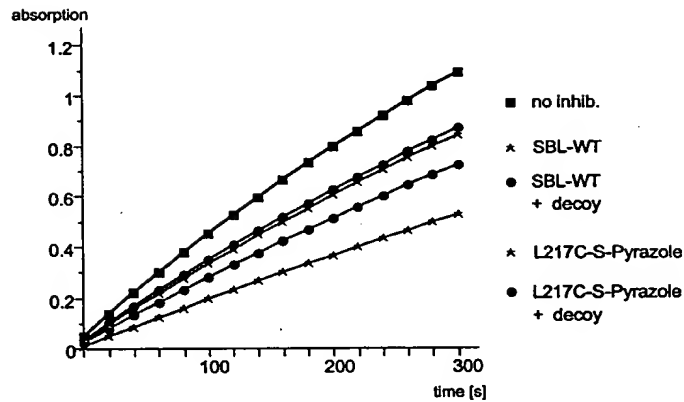


Fig. 5D

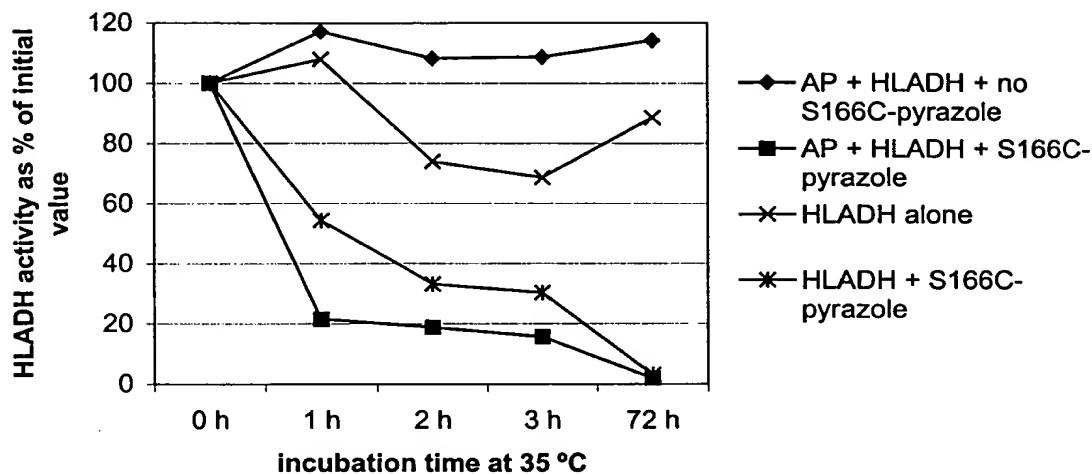


Fig. 6

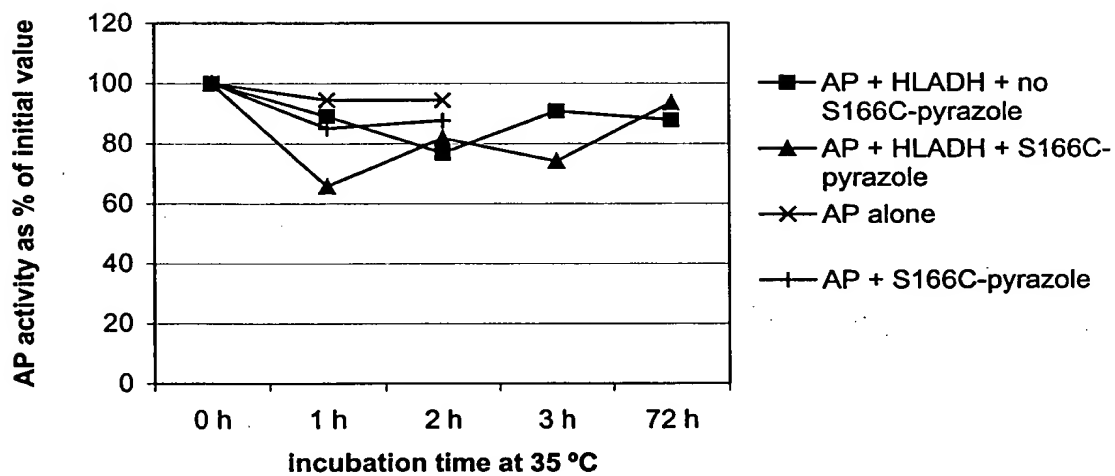


Fig. 7

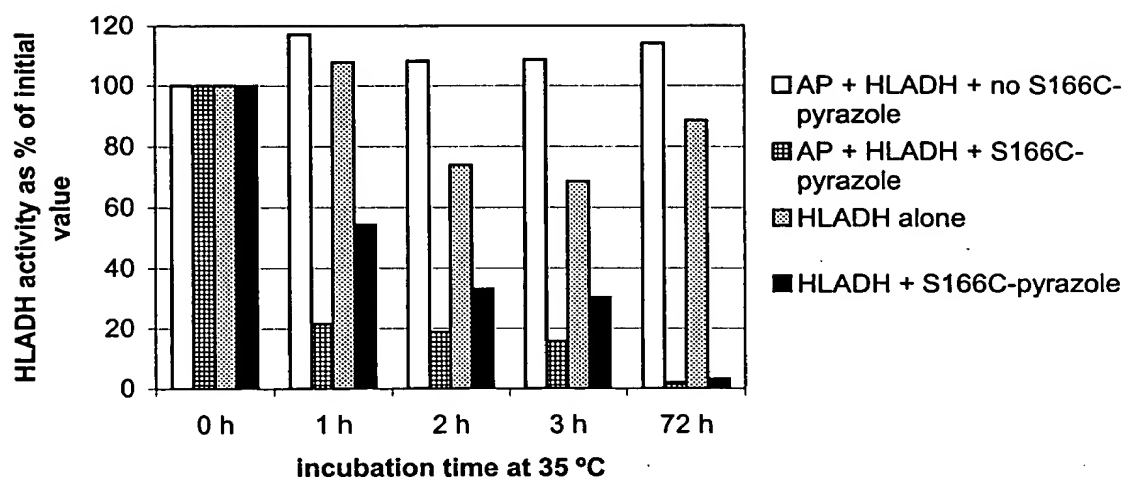


Fig. 8

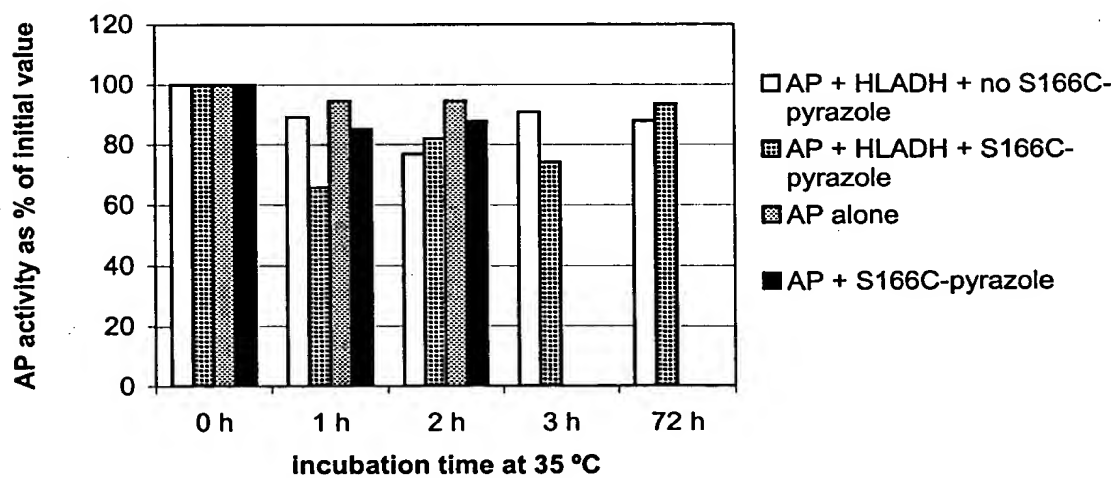


Fig. 9

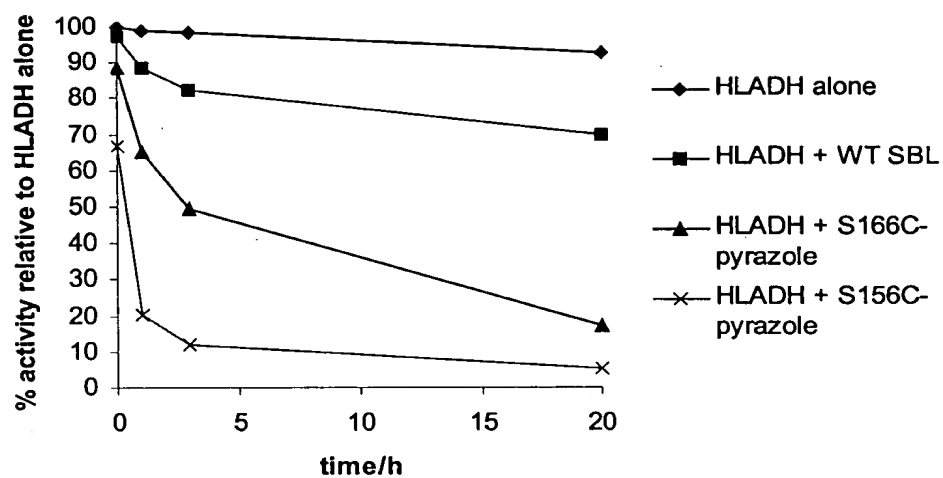


Fig. 10

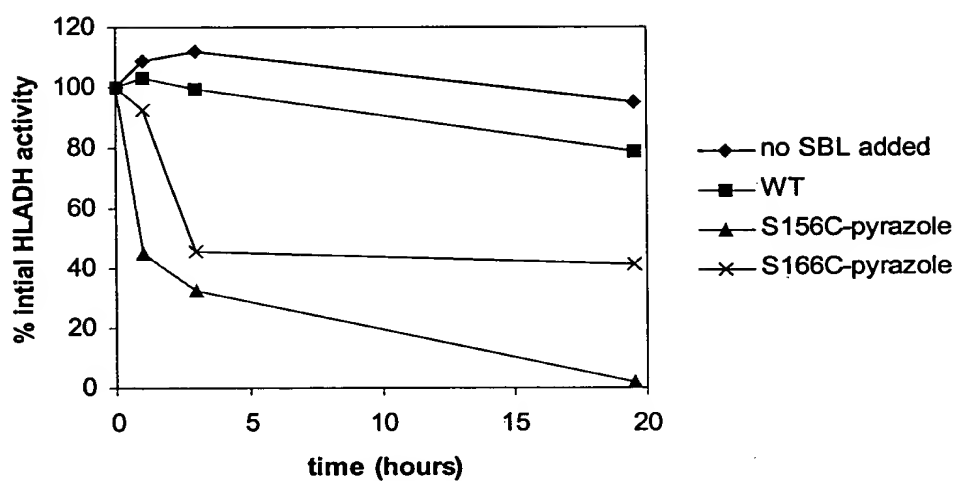


Fig. 11

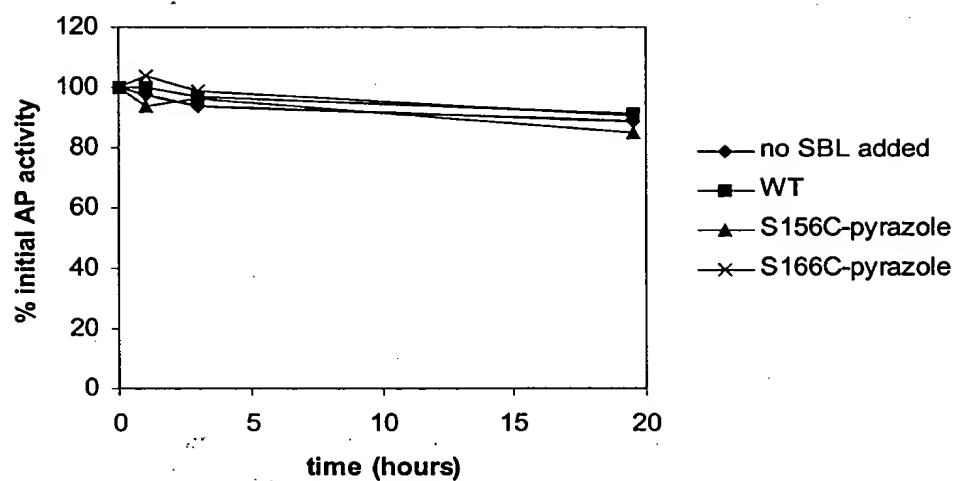


Fig. 12

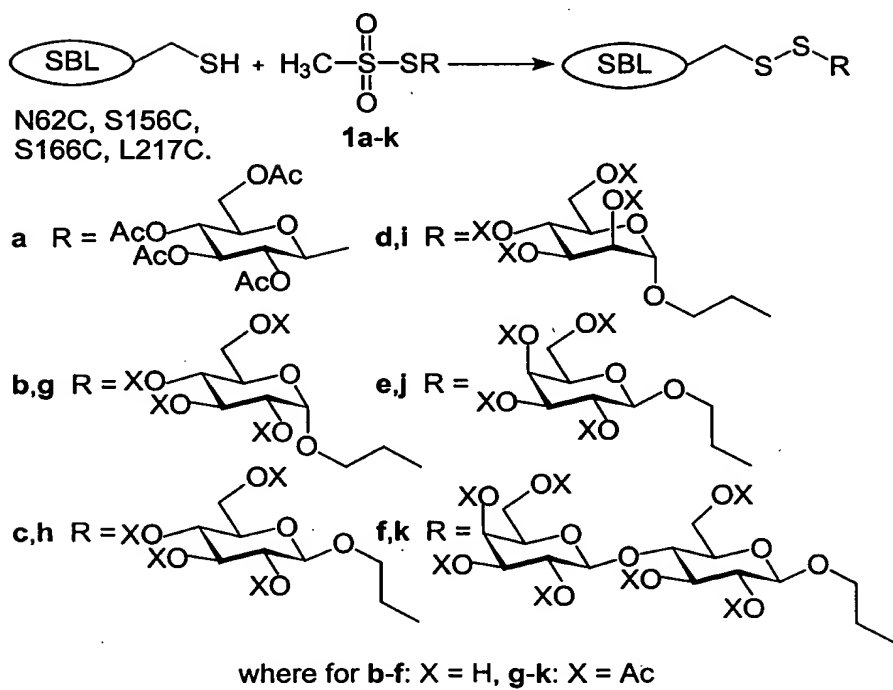


Fig. 13

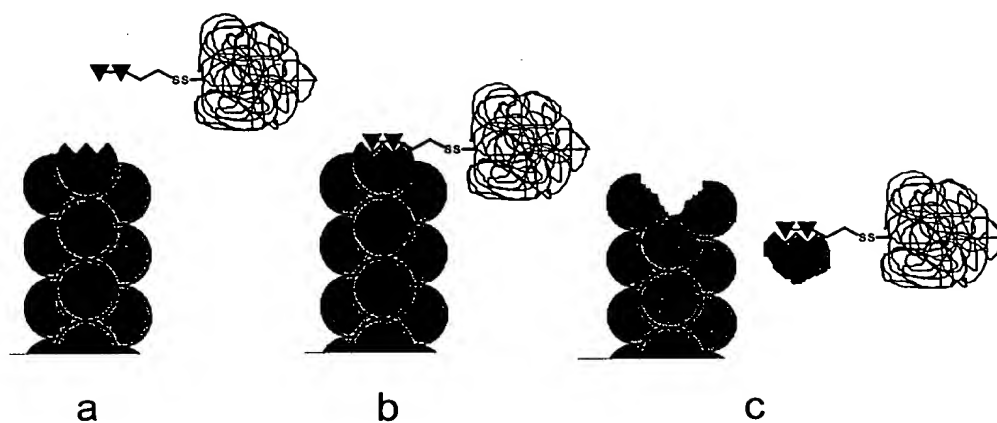


Fig. 14A

Fig. 14B

Fig. 14C

Fig. 14A Fig. 14B Fig. 14C

Fig. 15A

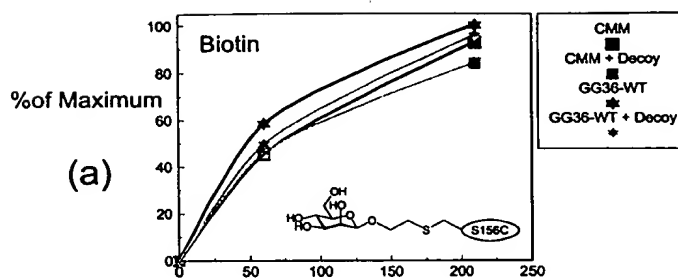


Fig. 15B

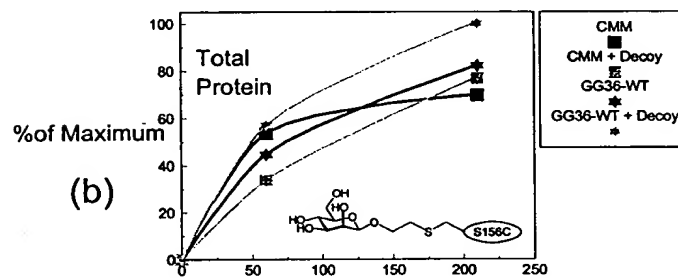


Fig. 15C

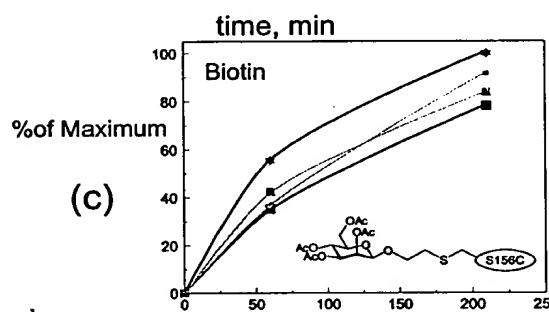
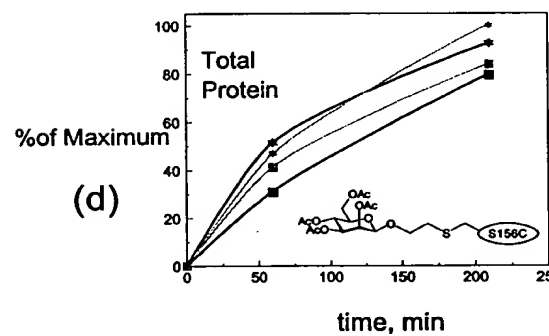


Fig. 15D



Scheme 7:

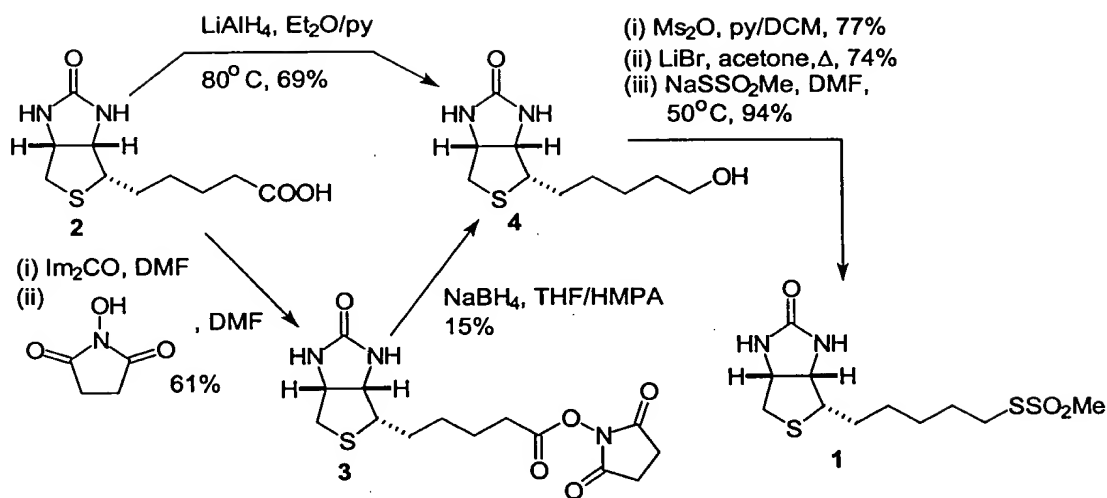


Fig. 16

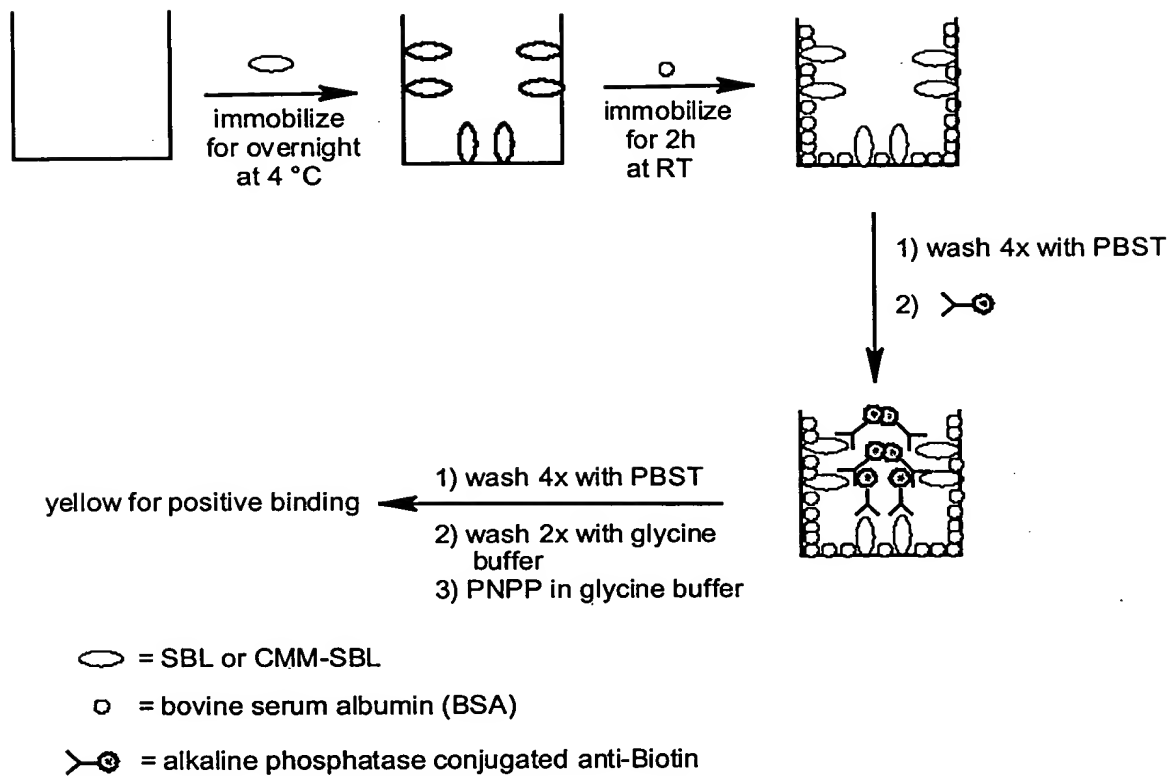


Fig. 17

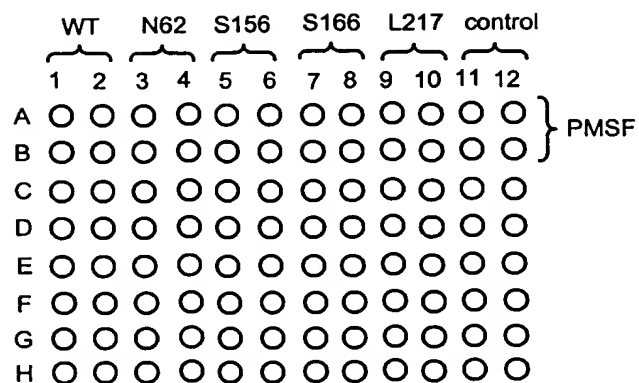


Fig. 18

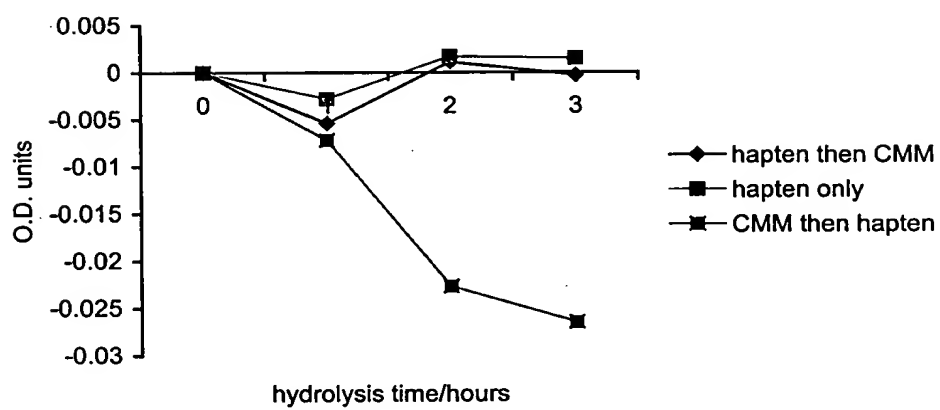


Fig. 19